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PATENT
P57032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TAE-YOUNG KIL, *et al.*

Serial No.: 10/776,517

Examiner: *To be assigned*

Filed: 12 February 2004

Art Unit: 2661

For: COMPLEX WIRELESS SERVICE APPARATUS USING WIRED AND
WIRELESS COMMUNICATION SYSTEMS AND METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references.

FOREIGN PATENT REFERENCE:

- Japanese Patent Publication No. 08-140132 to Ishida, *et al.*, entitled *SYSTEM AND METHOD FOR REGISTERING MOBILE TERMINAL*, published on 31 May 1996 (with English abstract).
- Japanese Patent Publication No. 2002-359875 to Kubosawa, entitled *PORTABLE TERMINAL DEVICE*, published on 13 December 2002 (with English abstract).
- Japanese Patent Publication No. 2002-325049 to Katagishi, *et al.*, entitled *COMMUNICATION TERMINAL SHARABLE BY DIFFERENT COMMUNICATION SYSTEMS, ANTENNA DUPLEXER AND POWER AMPLIFIER FOR USE THEREIN*, published on 8 November 2002 (with English abstract).
- Japanese Patent Publication No. 2001-036963 to Ishihara, entitled *SYSTEM AND*

METHOD FOR MOBILE COMMUNICATION, published on 9 February 2001 (with English abstract).

- Japanese Patent Publication No. 2002-218544 to Saka, *et al.*, entitled *PORTABLE TERMINAL AND PROGRAM*, published on 2 August 2002 (with English abstract).

OTHER DOCUMENTS:

- Japanese Office action for Japanese Patent Application No. 2004-035794, issued on 6 June 2006.

DISCUSSION

Ishida JP'132, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-035794, discloses that when an indoor communication system identification number is received, a mobile communication terminal transmits a position registration request signal containing the number of the mobile communication terminal through a radio line to an indoor communication system. The indoor communication system receives this signal and when the information of the mobile communication terminal is not stored, the system applies a call incoming address to the mobile communication system and stores the number of the mobile communication terminal and an extension number while making them correspondent. Besides, a registration request containing the number and address of the mobile communication terminal is registered through a common line signal line, common line signal exchange station and common line signal line to a location register as incoming call address information. Then, when a voice line connection request to the registered terminal is received, the incoming call is connected to a call incoming number registered on the location register.

Kubosawa JP'875, discloses that in this portable terminal device, provided with radio parts for establishing, connecting and releasing radio channels in communication systems which differ from each other and measuring communication quality, a control part for controlling the establishment, connecting and releasing of the radio channels and communication quality

measurement in the radio parts and also switching operations of the radio parts for performing handover control between a plurality of communication systems, and an operating part for exchanging information with the outside, a handover to a communication system designated with control by the controlling part, when the handover is performed in the case a handover to a communication system that starts communication, a handover to a desired communication system and a handover to a communication system different from an active communication system are designated via the operating part, before or while communication is performed.

Katagishi JP'049, discloses that the communication terminal comprises an antenna sharing unit provided with a high frequency switch for connecting a low-pass filter having a passband of first frequency band and a high-pass filter having a passband of second frequency band with an antenna and switching a signal of the first frequency band at the transmitting/receiving timing of TDMA, and a high frequency switch for switching a signal of the second frequency band at the transmitting/receiving timing of TDMA and switching the connection to a duplexer at the time of CDMA communication. A control section interlocked with switching of communication mode at a modulating/demodulating section controls switching of a high frequency switch provided in the antenna sharing unit.

Ishihara JP'963, discloses that a user first sets whether or not a present station telephone number notice mode is to be set, whether a present station is to be set into call originating mode or call terminating mode in the case of setting the present station telephone number notice mode and a topic by using a setter. In this case, the set information is outputted to a CPU by a set information signal. On the basis of that information, only when the present station number notice mode is set, the CPU outputs the telephone number of present terminal equipment and whether the present station is on the call originating side or call receiving side to transmission equipment. The transmission equipment outputs that present station information signal to an interface part as a transmission signal.

Saka JP'544, discloses that a CPU allows an LED to start red light blinking when the radio wave environment relating to a wait processing reaches a comparatively deteriorated state when the camera images an object. A person using the mobile phone 1 can recognize that the radio wave environment relating to the wait processing reaches a comparatively deteriorated state when the camera images an object by recognizing the start of the blinked LED. Then the person after that can stop imaging by operating e.g. a prescribed key and can recognize in advance that the camera images the object with a deteriorated imaging capability even when the imaging is tentatively continued, and even when imaging requires retrieval, the person can recognize in advance that one of causes results from the deteriorated radio wave environment.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. E. Bushnell', is written over a horizontal line.

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**INFORMATION DISCLOSURE STATEMENT****PTO-1449 (PAGE 1 OF 1)**

SERIAL NUMBER 10/776,517

DOCKET NO. P57032

APPLICANT TAE-YOUNG KIL, *et al.*

FILING DATE 12 February 2004

GROUP 2661

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS**TRANSLATION**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 08-140132	05/96	JAPAN			Abstract	
	JP 2002-359875	12/02	JAPAN			Abstract	
	JP 2002-325049	11/02	JAPAN			Abstract	
	JP 2001-036963	02/01	JAPAN			Abstract	
	JP 2002-218544	08/02	JAPAN			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Japanese Office Action of the Japanese Patent Application No. 2004-035794, issued on 6 June 2006

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.